





[illegible][illegible]



[illegible][illegible]

G9W6A2		PREDIMINARY:	FRT:	245 AA.
AC	G9W6A2:			
PT	01-NOV-1999 (JTEMBUREL_12,	Created)		
D7	01-NOV-1999 (JTEMBUREL_12,	Last sequence update)		
D1	01-MAR-2001 (JTEMBUREL_16,	Last annotation update)		
DE	FIBROBLAST GROWTH FACTOR 13 ISOFORM IS (FIBROBLAST GROWTH FACTOR			
DE	HOMOLOGOUS FACTOR 2 [ISOFORM IT+IS]).			
G3	FCP13 OR FGF-2.			
OS	Gallus gallus (Chicken).			
OCC	Eukaryota; Metazoa; Chordata; Galliformes; Vertebrata; Euteleostomi;			
OCC	Archosauria; Aves; Neophathae; Galliniformes; Phasianidae; Preliminary?			
OX	Gallus.			
OX	NCHI_TaxID=9031:			
RN	[1]			
RP	SEQUENCE FROM N.A.			
RA	MELINDA 99065510; PubMed 9847253;			
KT	Munoz-Santjuan J., Stimud B.K.; Fallon J.F.; Nathans J.;			
RT	"Expression of chicken fibroblast growth factor homologous factor			
RT	(FHF)-1 and of differentially spliced isoforms of FHF-2 during			
PT	development and involvement of FHF-2 in chicken limb development."			
RL	Development 126:409-421(1999);			
RN	[2].			
RP	SEQUENCE FROM N.A.			
RC	TISSUE-BRAIN:			
KX	BEDDINGE 20112823; PubMed-1064718;			
KA	Munoz-SanJuan J., Smallwood P.M.; Nathans J.;			
KT	"Isotform diversity among Fibroblast Growth Factor Homologous Factors			
KT	is Generated by Alternative Promoter Usage and Differential			
RF	Splicing".			
RL	J Biol Chem. 275:2589-2597(2000) .			
DR	PMID: AF108755; AACD1576.1; -			
DR	EMBL: AF199611; AAA31398.1; -			
DR	HSSB: p03968; lhaR.			
DR	InferPro: IPK002209; -			
DR	InferPro: IPK02348; -			
DR	PIfam: PF00167; FGF_1.			
DR	PRINTS: PR00263; HMGFGFE.			
DR	PRINTS: PK00262; LIHKGQ.			
DR	PROSITE: PS00247; HMCF_FGF_1.			
DR	SMART: SMOU042; FGF_1.			
SU	SPGOENI: 245 AA; 27605 MW; DAOUAFEBHA1B0T28 CRG94;			

[illegible]

10 92 SECTITRITVAVVA--GVVIR--LMSNLSGLITLSBN IPKAKRESLFEVYVYS 156  
 157 CHITVCTTCTTVALTTRDGLI MAAKNSRCKLHPVPRV 195  
 158 157 CHITVCTTCTTVALTTRDGLI MAAKNSRCKLHPVPRV 195

## RESULT 14

0101 01-06T-2000 (TREMblrel, 15, Created)  
 01 01-06T-2000 (TREMblrel, 15, last sequence update)  
 01 01-MAR-2001 (TREMblrel, 15, last annotation update)  
 01 FIBROBLAST GROWTH FACTOR HOMOLOGOUS FACTOR 2 (SCORNA 1011)  
 01 FIB-2.  
 01 Gallus gallus (chicken).  
 01 Eukaryota; Metazoa; Chordata; Cephalata; Vertebrata; Euteleostomi;  
 01 Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;  
 01 Gallus.  
 01 NCBI\_TaxID: 9031;  
 01 11  
 01 SEQUENCE FROM N.A.  
 01 MEDLINE-20112823; PubMed-1044718;  
 01 Minoz-Sanjuan I., Smallwood P.M., Nathans J.;  
 01 "Isoterm Diversity among Fibroblast Growth Factor Homologous Factors  
 01 Is Generated by Alternative Promoter Usage and Differential  
 01 Splicing."  
 01 J. Biol. Chem. 275:2589-2597 (2000).  
 01 EMBL: AF199610; ACP1397.1; -;  
 01 InterPro: IPR002209; -;  
 01 InterPro: IPR002348; -;  
 01 Pfam: PF00167; FGF\_1;  
 01 PRINTS: PR00263; HRCFGF;  
 01 PRINTS: PR00262; ILIHGF;  
 01 PROSITE: PS00247; HRCF\_FGF\_1;  
 01 SMART: SM00442; FGF\_1;  
 01 SPORNCHE 199 AA; 22316 MW; F0393ABHCEAF220 CHeb4;

## Query Match

Best Local Similarity 27.1%; Score 303; DB 13; Length 199;  
 Matches 59; Conservative 32; Mismatches 49; Indels 2; Gaps 1;

01 54 AACAAHGHGIRROLYGHIHLLIPGSGVGTROHSLPGLLEISVAVGLVIRGV 113  
 14 ASKRPGLKIVTK--LYSGVHLLDGLDGLTIDGKEEDSYTINLIPVGLRVAALGV 71  
 114 GSGLYGMMNGKGLGSEKLTSECTFEQFEENWNTYSSNLYKHGDTGRYFVALKDG 173  
 72 GKRYIAMSSEGLVYSEHFTPECKEKEIERTVYVYSMTYGGQSSNGLDALANEG 131  
 174 IPVUAKSRKHGFTHPVPRV 195  
 122 FTRKGNVKNKPAHFLKPL 153

## RESULT 15

0101 01-06T-2000 (TREMblrel, 16, Created)  
 01 01-06T-2000 (TREMblrel, 16, last sequence update)  
 01 01-MAR-2001 (TREMblrel, 16, last annotation update)  
 01 FIBROBLAST GROWTH FACTOR 13.  
 01 FGF13.  
 01 Rattus norvegicus (Rat).  
 01 Eukaryota; Metazoa; Chordata; Cephalata; Vertebrata; Euteleostomi;  
 01 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus.  
 01 NCBI\_TaxID: 10116;  
 01 11  
 01 SEQUENCE FROM N.A.

01 TISSUE: PROSTATE, PNEUMONIA;  
 01 XIEO H., Huang Q., Zhang F., Guo C., Chen G., Han Z., Zhang X.;  
 01 "Rattus norvegicus Fibroblast Growth Factor 13";  
 01 Submitted (MAY-2000) to the EMBL/GenBank/DBJ databases.  
 01 Ref: AM77746; Acc: 402 1;  
 01 SEQUENCE 192 AA; 21604 MW; 7736A3671677B263 CHeb4;

## Query Match

Best Local Similarity 26.7%; Score 299; DB 11; Length 192;  
 Matches 59; Conservative 29; Mismatches 47; Indels 4; Gaps 1;

01 60 IGGTTPPEVYGRVGHLLDLPKGVGTROHSLPGLLEISVAVGLVIRGV 119  
 13 EKVIVTK--LYSGVHLLDGLDGLTIDGKEEDSYTINLIPVGLRVAALGV 79  
 120 GMDKGLYGSSEKLTSECTFEQFEENWNTYSSNLYKHGDTGRYFVALKDG 179  
 71 AMRDEGLVYSEHFTPECKEKEIERTVYVYSMTYGGQSSNGLDALANEG 130  
 180 PSKRHOKRHFHPVPRV 195  
 131 HVKKKPAHFLKPL 146

Search completed: October 25, 2001, 18:39:17  
 Job Time: 307 sec

Sat, Oct, 27 15:26:45 2001

us-09-494-585-2.rspt

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